

## **Gravity Survey at La Tortuga Confirms Large Porphyry Target**

Azure Minerals Limited (ASX: AZS) ("Azure", "the Company") is pleased to provide shareholders the following update of the on-going exploration activities at its 100%-owned La Tortuga Project ("La Tortuga"), located in the state of Sonora, Mexico.

### **HIGHLIGHTS:**

- **Coincident geophysical, geochemical and geological anomalies indicate favourable setting for large, porphyry copper target**
- **Gravity survey identifies two large, high density bodies at La Tortuga (see Figure 1)**
- **Both gravity highs coincide with strong aeromagnetic anomaly**
- **Southern gravity anomaly overlies magneto-telluric (MT) anomaly**
- **Previous drilling intersected altered intrusive rocks containing anomalous precious and base metals**
- **JOGMEC-funded exploration to continue - diamond drilling has recommenced at the project**

**Azure's Managing Director, Tony Rovira, commented:** *"We're very pleased that the gravity survey has identified two high density bodies coinciding with the strong aeromagnetic anomaly at La Tortuga."*

*These latest results provide the Company with further confidence that La Tortuga demonstrates the potential to host a porphyry copper deposit. As a result, Azure and Joint Venture partner JOGMEC have elected to proceed to the next stage of exploration which will involve diamond drill testing to 1,000 metres."*

The La Tortuga ground gravity survey successfully delineated two large, dense bodies (see Figure 1). At the widest points the southern gravity high covers an area of 2,400m x 1,200m, and the northern gravity high is 1,600m x 1,200m. Both gravity highs overlap the strong ovoid-shaped aeromagnetic anomaly (see Figure 2).

Dada modelling indicates both gravity bodies commence approximately 600m below surface. This coincides with the modelled depths of the magnetic and MT anomalies,

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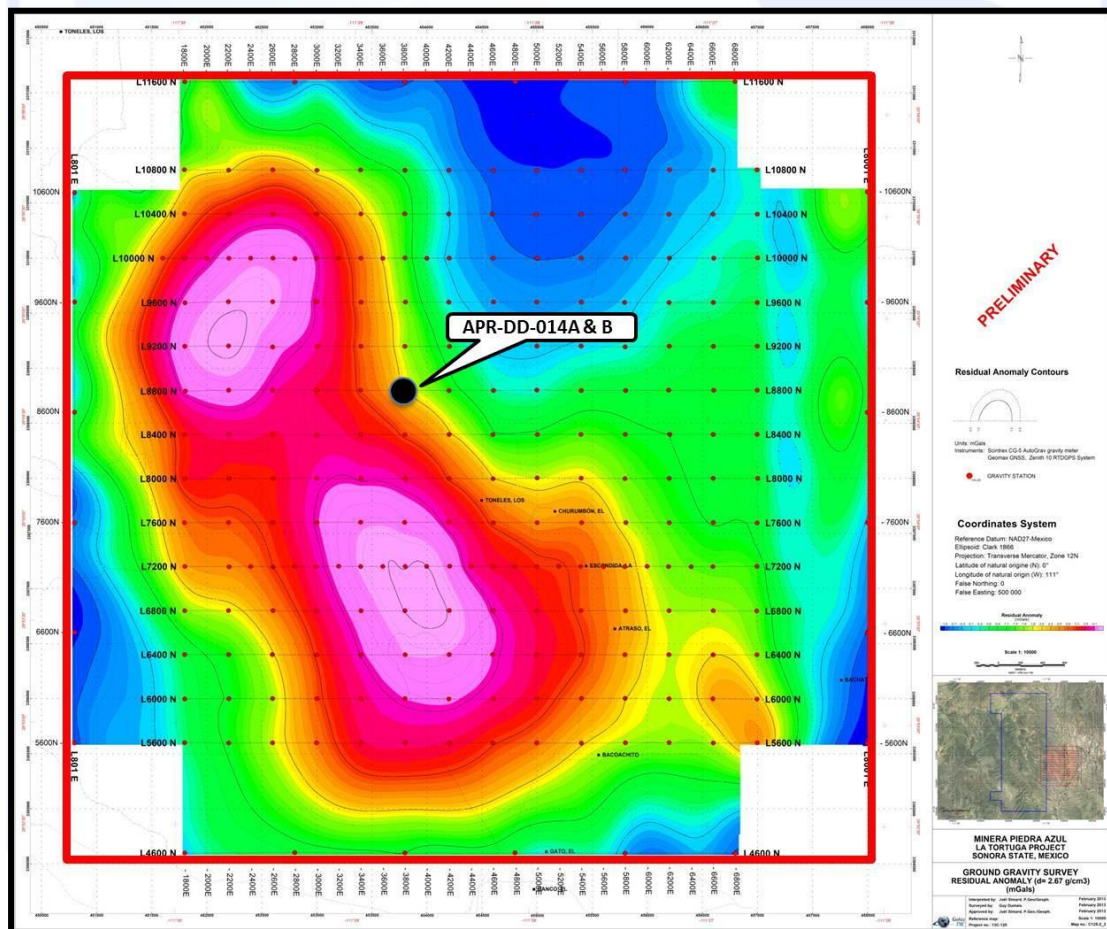
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and confirmed by Azure's two previous drill holes which intersected the targeted basement rocks at depths of 635m (APR-DD-014A) and 595m (APR-DD-014B).

The drill holes were aimed at the core of the aeromagnetic anomaly however were unable to reach the targeted depth of 1,000m due to difficult ground conditions surrounding the contact between the overlying post-mineral cover rocks and the basement rock. APR-DD-14A was terminated at 665m and APR-DD-014B at 605m. Both holes penetrated into the upper part of the target zone and intersected strongly altered intrusive rocks returning anomalous precious metal and base metal assays.

The coincidence of the geophysical anomalies together with the strong alteration and anomalous geochemistry identified in the drilling add support to Azure's geological model of a copper-rich porphyry intrusion and adjacent breccia bodies.

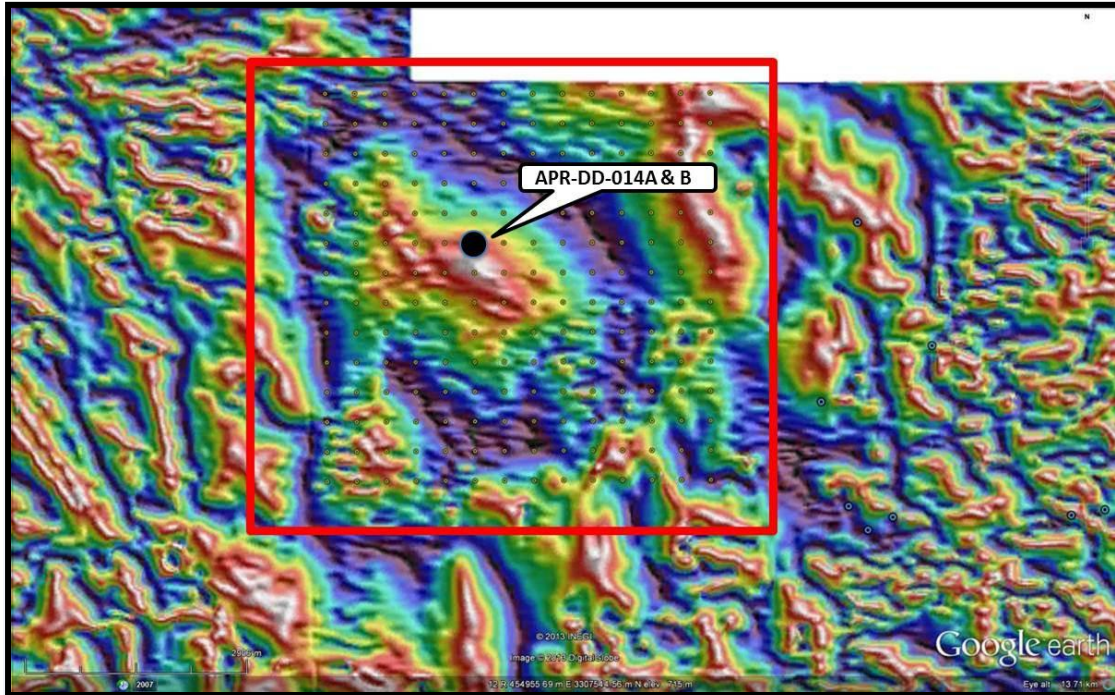
**Figure 1: Image showing two strong gravity highs within survey area (red box) and location of Azure's two drill holes**



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Figure 2: Aeromagnetic image showing gravity survey area (red box) and location of Azure's two drill holes



Following a review of these exploration results, JOGMEC and Azure have agreed to proceed to the next stage of exploration, comprising diamond drill testing of these anomalies to a target depth of 1,000m. Hole APR-DD-014B has been re-entered, with drilling commencing at a downhole depth of 605m.

Azure looks forward to reporting progress of this drilling campaign.

**-ENDS-**

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### **About the Company:**

**Azure Minerals Limited** is an Australian mineral exploration company focused on developing mining projects in the richly mineralised Sierra Madre Occidental mining province in northern Mexico. Azure's key projects are the high grade **Promontorio** copper-gold-silver project, the **El Tecolote** copper-zinc project and the **La Tortuga** porphyry copper project.

Exploration for porphyry copper deposits is being conducted on **La Tortuga** in joint venture with the Japanese Government corporation JOGMEC. JOGMEC may earn a 51% interest in this project by spending US\$3 million, with total expenditure to 31 January 2013 of US\$2.5M. Azure is the operator and manager of the joint venture.

**JOGMEC** is a wholly-owned Japanese Government corporation established to assist in the stable supply of oil, gas and mineral resources to the Japanese economy. JOGMEC seeks to gain entry into high-potential mineral exploration projects through providing funding and technical assistance, with a view to the later introduction of commercial Japanese interests.

### **Competent Person Statement:**

Information in this document that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Tony Rovira, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Rovira is a full-time employee of Azure Minerals Limited. Mr Rovira has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Rovira consents to the inclusion in the documents of the matters based on his information in the form and context in which it appears.

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